

**REVOCATION OF POWER OF ATTORNEY WITH NEW POWER OF ATTORNEY
TO PROSECUTE APPLICATIONS BEFORE THE USPTO**

I hereby revoke all previous powers of attorney given in the applications identified in the attached documents.

I hereby appoint:

David J. Goren, Reg. No. 34,608
 Elissa Y. Wang, Reg. No. 48,668
 Brian J. Gustafson, Reg. No. 52,978
 Jennifer A. Zanicco, Reg. No. 54,563
 Stefanie Howell, Reg. No. 45,929

Hans R. Troesch, Reg. No. 38,950
 Mark D. Kirkland, Reg. No. 40,048
 Tim H. Pham, Reg. No. 48,589
 Tamara Frelzer, Reg. No. 51,699
 Kelvin M. Vivian, Reg. No. 53,727

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

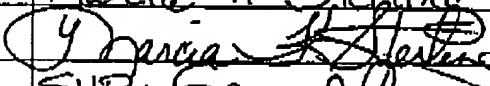
Assignee Name and Address:

Autodesk, Inc.
 111 McInnis Parkway
 San Rafael, California 94903

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Name	Marcia K. Sterling		
Signature		Date	3/5/04
Title	SVP + General Counsel		
		Telephone	415-501-6749



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
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Washington, D.C. 20231

JULY 19, 2001

PTAS



101705223A

COLUMBIA IP LAW GROUP, PC
ROBERT A. DIEHL
4900 SW MEADOWS ROAD
SUITE 109
LAKE OSWEGO, OR 97035

UNITED STATES PATENT AND TRADEMARK OFFICE
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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/25/2001

REEL/FRAME: 011759/0783
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BOGAN, WILLIAM B.

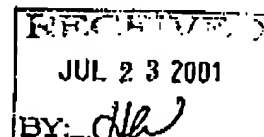
DOC DATE: 04/25/2001

ASSIGNEE:

AUTODESK, INC., A CORPORATION OF
DELAWARE
111 MCINNIS PARKWAY
SAN RAFAEL, CALIFORNIA 94903

SERIAL NUMBER: 09843321
PATENT NUMBER:FILING DATE: 04/25/2001
ISSUE DATE:

PAULA MCCRAY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



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FORM PTO-1619A
Expires 08/01/01
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11/04/01 PTO
10/16/01

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Name (line 1) William B. Egan

Name (line 2)

Second Party

Name (line 1)

Name (line 2)

Execution Date
Month Day Year
04/25/2001Expiration Date
Month Day Year

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Autodesk, Inc.

Name (line 2) A corporation of Delaware.

Address (line 1) 111 McInnis Parkway

Address (line 2)

Address (line 3) San Rafael

California

94903

☐ If document to be recorded
is an assignment and the
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Mail documents to be recorded with required cover sheet(s) information to:
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FORM PTO-1619B <small>Expires 08/30/09 CLASS 12891-00217</small>	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT								
Correspondent Name and Address Area Code and Telephone Number 503-534-2800										
Name COLUMBIA IP LAW GROUP, PC										
Address (line 1) 4900 SW Meadows Road										
Address (line 2) Suite 109										
Address (line 3) Lake Oswego, Oregon 97035										
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Pages Enter the total number of pages of the attached conveyance document including any attachments. # 3										
Application Number(s) or Patent Number(s) <input type="checkbox"/> Mark if additional numbers attached <small>Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).</small>										
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Patent Application Number(s)</td> <td style="width: 50%; text-align: center;">Patent Number(s)</td> </tr> <tr> <td style="border: 1px solid black; height: 20px;"></td> <td style="border: 1px solid black; height: 20px;"></td> </tr> <tr> <td style="border: 1px solid black; height: 20px;"></td> <td style="border: 1px solid black; height: 20px;"></td> </tr> <tr> <td style="border: 1px solid black; height: 20px;"></td> <td style="border: 1px solid black; height: 20px;"></td> </tr> </table>			Patent Application Number(s)	Patent Number(s)						
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<small>If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named inventing inventor.</small> 04/25/2001										
Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number has not been assigned. <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">PCT </td> <td style="width: 33%;">PCT </td> <td style="width: 33%;">PCT </td> </tr> <tr> <td>PCT </td> <td>PCT </td> <td>PCT </td> </tr> </table>			PCT 	PCT 	PCT 	PCT 	PCT 	PCT 		
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Number of Properties Enter the total number of properties involved. # 1										
Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00										
Method of Payment: Enclosed <input checked="" type="checkbox"/> Deposit Account <input type="checkbox"/> Deposit Account <small>(Enter for payment by deposit account or if additional fees can be charged to the account.)</small>										
Deposit Account Number: # 501569										
Authorization to charge additional fees: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>										
Statement and Signature <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.</i>										
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%; border-bottom: 1px solid black;">Robert A. Ditch, Reg. No. 40,992</td> <td style="width: 30%; border-bottom: 1px solid black; text-align: center;"></td> <td style="width: 30%; border-bottom: 1px solid black; text-align: center;">04/25/01</td> </tr> <tr> <td style="text-align: center;">Name of Person Signing</td> <td style="text-align: center;">Signature</td> <td style="text-align: center;">Date</td> </tr> </table>			Robert A. Ditch, Reg. No. 40,992		04/25/01	Name of Person Signing	Signature	Date		
Robert A. Ditch, Reg. No. 40,992		04/25/01								
Name of Person Signing	Signature	Date								

Attorney Docket No. 31008.P032

Patent

ASSIGNMENT
(For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged that the undersigned,

ASSIGNOR(S): William E. Bogan

hereby sell, assign, and transfer to

ASSIGNEE: Autodesk, Inc.
111 McInnis Parkway
San Rafael, California 94903
A corporation of Delaware.

and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled:

**METHOD AND APPARATUS FOR GRAPHING MOTION OF
COMPUTER AIDED DESIGN (CAD) GEOMETRY**

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Inventor: Please sign and date below:

Inventor: Please
indicate the date
you signed the
Combined
Declaration And
Power Of
Attorney:

<u>Apr. 25, 2001</u>	<u>William E. Bogan</u>	<u>Apr. 25, 2001</u>
Date	Name: William E. Bogan	Date
<u> , 2001</u>		<u> , 2001</u>

Attorney's Docket No.: 15786-006001 / P032-130068

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : William E. Bogan
Serial No. : 09/843,321
Filed : April 25, 2001
Title : METHOD AND APPARATUS FOR GRAPHING MOTION OF COMPUTER
AIDED DESIGN (CAD) GEOMETRY

Art Unit : 2125
Examiner : Carlos R. Ortiz Rodriguez

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE UNDER 37 CFR §3.73(b)

Under 37 CFR §3.73(b) AUTODESK, INC., a corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of:

An assignment from the inventors of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 011759, Frame 0783 on April 25, 2001.

The undersigned has reviewed the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above. The undersigned is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Respectfully submitted,

Date: April 2, 2004
Tim H. Pham, Reg. No. 48,589

Fish & Richardson P.C.
500 Arguello Street, Suite 500
Redwood City, California 94063
Telephone: (650) 839-5070
Facsimile: (650) 839-5071
50208310.doc

CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

Date of Transmission

4-2-04

Vicki Lorst

Vicki Lorst